	2001				
Occupation	Percent of total:				
· 	employed	Women	Black	Hispan origin	
Total, 16 years and over	135,073	46.6	11.3	10.9	
lanagerial and professional specialty	41,894	50.0	8.3	5.1	
Executive, administrative, and managerial	20,338	46.0	7.9	5.6	
Officials and administrators, public administration		51.5	14.5	7.0	
Administrators, protective services		25.8 52.1	8.9 6.6	3.6	
Personnel and labor relations managers		68.2	11.4	7.3	
Purchasing managers		42.6	8.9	4.3	
Managers, marketing, advertising, and public relations		39.3	3.7	4.3	
Administrators, education and related fields		64.1	11.5	5.7	
Managers, medicine and health		77.3 47.7	7.5 12.3	5.6 9.1	
Managers, food serving and lodging establishments		46.2	10.2	9.9	
Managers, properties and real estate	583	48.8	8.2	7.7	
Funeral directors		24.9	11.8	6.9	
Management-related occupations  Accountants and auditors		58.6 58.8	9.7 9.5	5.7 5.4	
Underwriters		75.7	5.4	4.9	
Other financial officers		50.7	11.2	6.1	
Management analysts		42.2	7.1	2.2	
Personnel, training, and labor relations specialists		70.5	10.8	5.7	
Buyers, wholesale and retail trade, except farm products		57.4 6.8	6.5 6.5	9.8	
Inspectors and compliance officers, except construction		41.7	12.6	8.0	
Professional specialty		53.7	8.6	4.7	
Engineers, architects, and surveyors		11.6	5.3	3.5	
Architects Engineers		23.5 10.4	3.1 5.5	3.5	
Aerospace engineers		9.4	3.0	2.3	
Chemical engineers	78	11.4	4.4	1.1	
Civil engineers		10.2	6.0	1.9	
Electrical and electronic engineers		10.0 17.3	6.9 5.4	4.5	
Mechanical engineers		6.2	4.2	3.3	
Mathematical and computer scientists	2,103	30.1	8.6	3.6	
Computer systems analysts and scientists		27.4	8.5	3.7	
Operations and systems researchers and analysts		46.9 34.3	10.5 4.8	3.5	
Chemists, except biochemists		31.0	8.7	3.1	
Geologists and geodesists		23.5	1.9	1.6	
Biological and life scientists		44.0	3.0	4.5	
Medical scientists Health diagnosing occupations		51.5 28.6	4.3 5.0	3.2	
Physicians		29.3	5.6	4.6	
Dentists		19.9	4.1	3.5	
Veterinarians		39.4	4.0	3.4	
Health assessment and treating occupations	3,052	86.1	9.6	3.8	
Registered nurses Pharmacists	2,162 212	93.1 48.1	9.9 5.6	3.4	
Dietitians		86.4	24.8	8.0	
Therapists	497	76.3	7.6	5.2	
Respiratory therapists		61.1	13.3	3.9	
Occupational therapistsPhysical therapists		93.1 66.9	6.1 2.5	6.2	
Speech therapists		92.1	4.3	4.2	
Physicians' assistants	80	60.3	4.5	3.2	
Teachers, college and university		43.3	6.1	4.1	
Teachers, except college and university		74.9 97.8	9.9 15.0	5.4 10.3	
Prekindergarten and kindergarten Elementary school		82.5	10.6	5.4	
Secondary school		58.5	6.9	3.9	
Special education	353	86.0	9.7	2.4	
Counselors, educational and vocational	258	68.4	14.1	6.5	
Librarians, archivists, and curators		84.5 85.7	10.0 10.8	3.5	
Social scientists and urban planners		58.0	8.6	3.3	
Economists		52.3	9.6	3.6	
Psychologists	268	61.7	8.3	3.7	

		2001				
Occupation	Percent of total:			al:		
· 	Total employed	Women	Black	Hispani origin		
Social, recreation, and religious workers	1,449	56.7	17.6	6.1		
Social workers	782	72.2	24.5	7.5		
Recreation workers	127	73.7	12.6	6.2		
Clergy	360	15.1	10.7	3.9		
Lawyers and judges	966	29.3	5.3	3.2		
Lawyers	929	29.3	5.1	3.1		
Writers, artists, entertainers, and athletes	2,536	49.7	6.5	6.7		
Authors Technical writers	122 81	57.7 58.2	5.0 5.7	6.0		
Designers	788	56.3	3.9	7.7		
Musicians and composers	180	36.5	14.7	6.2		
Actors and directors	131	42.1	7.9	8.9		
Painters, sculptors, craft artists, and artist printmakers	243	45.6	5.1	6.4		
Photographers	154	38.4	5.0	4.1		
Editors and reporters	309	51.6	5.2	4.3		
Public relations specialists	182	60.2	9.9	5.0		
Athletes	114	27.4	10.3	8.3		
chnical, sales, and administrative support	39,044	63.7	11.4	9.1		
echnicians and related support	4,497	53.4	10.3	7.5		
Health technologists and technicians	1,807	81.7	14.3	8.6		
Clinical laboratory technologists and technicians	355	78.8	16.5	7.7		
Dental hygienists	116	97.8	2.5	1.6		
Radiologic technicians  Licensed practical nurses	167 374	70.3 94.3	8.2 23.2	7.5		
Engineering and related technologists and technicians	1,007	21.3	8.9	7.8		
Electrical and electronic technicians	475	19.5	9.3	7.1		
Drafting occupations	220	20.1	4.3	9.2		
Surveying and mapping technicians	68	13.6	3.4	10.6		
Science technicians Scienc	299	44.6	6.1	6.9		
Biological technicians	124	63.4	5.8	8.8		
Chemical technicians	70	27.1	6.2	6.6		
Technicians, except health, engineering, and science	1,384	41.6	7.0	6.1		
Airplane pilots and navigators	136	3.5	.6	1.7		
Broadcast equipment operators	52	17.0	8.8	3.3		
Computer programmers Legal assistants	646 400	26.6 83.5	6.2 9.5	4.8 10.5		
ales occupations	16,044	49.4	9.1	8.7		
Supervisors and proprietors	4,836	41.1	6.9	6.9		
Sales representatives, finance and business services	2,891	44.3	7.7	5.6		
Insurance sales	582	47.4	8.1	6.0		
Real estate sales	811	52.2	5.2	4.9		
Securities and financial services sales	562	29.9	6.9	4.1		
Advertising and related sales	176	54.5	7.1	3.6		
Sales occupations, other business services	761	41.7	10.8	7.6		
Sales representatives, commodities, except retail	1,511	23.4	3.5	5.8		
Sales representatives, mining, manufacturing, and wholesale	1,480	23.7	3.5	5.9		
Sales workers, retail and personal services	6,711	63.1	12.6	12.2		
Sales workers, motor vehicles and boats	329	10.0	11.5	9.4		
Sales workers, apparel	378 93	78.3 52.9	13.8 25.4	17.9 17.3		
Sales workers, shoes	177	46.7	6.2	9.4		
Sales workers, radio, television, hi-fi, and appliances	294	28.2	6.8	10.3		
Sales workers, hardware and building supplies	302	25.8	4.8	8.7		
Sales workers, parts	170	11.5	6.7	12.3		
Sales workers, other commodities	1,426	64.9	8.7	10.0		
Sales counter clerks	194	63.8	10.7	13.8		
Cashiers	2,974	76.9	16.6	13.6		
Street and door-to-door sales workers	285	74.8	10.0	10.0		
News vendors	89	51.4	9.7	7.2		
Sales-related occupations  Demonstrators, promoters, and models	96 71	67.5 76.2	10.4 12.1	3.2		
	18,503	78.7 66.1	13.7 15.7	9.8		
dministrative support occupations, including clerical			15.7	9.0		
dministrative support occupations, including clerical	720 423	ו ביכיד ו				
dministrative support occupations, including clerical	423	72.3 87.8				
dministrative support occupations, including clerical Supervisors, administrative support Supervisors, general office Supervisors, financial records processing	423 103	87.8	13.0	5.9		
dministrative support occupations, including clerical	423			5.9 7.8 7.8		

		2001		
Occupation	T-4-1	Percent of total:		otal:
	Total employed	Women	Black	Hispanio origin
Secretaries, stenographers, and typists	3,086	97.7	10.2	8.5
Secretaries		98.4	9.0	8.7
Stenographers	153	94.8	3.7	3.7
Typists	529	95.0	17.3	8.9
Information clerks		87.8	12.1	10.4
Interviewers	165	81.5	15.0	9.8
Hotel clerks	127	72.8	14.0	8.5
Transportation ticket and reservation agents	274 1,047	69.5 97.0	11.9 11.7	8.4 11.6
Receptionists		80.8	15.7	9.4
Order clerks	315	75.2	22.9	9.8
Personnel clerks, except payroll and timekeeping		88.1	21.5	3.9
Library clerks	150	82.0	8.9	8.1
File clerks	328	81.5	14.4	11.4
Records clerks	210	85.6	10.4	8.2
Financial records processing		91.8	7.9	7.4
Bookkeepers, accounting, and auditing clerks		92.9	7.5	6.4
Payroll and timekeeping clerks		93.2	10.5	7.9
Billing clerks  Cost and rate clerks	210 52	87.9 71.4	9.3 7.1	9.7 18.2
Billing, posting, and calculating machine operators		90.6	7.1	10.2
Duplicating, mail and other office machine operators	59	51.3	27.2	12.6
Communications equipment operators		82.1	26.0	11.6
Telephone operators	140	83.3	25.5	11.5
Mail and message distributing	936	40.7	21.7	8.3
Postal clerks, except mail carriers	295	49.7	35.5	6.2
Mail carriers, postal service	344	30.9	14.9	7.6
Mail clerks, except postal service	140	56.4	22.4	12.8
Messengers	157	31.2	10.1	9.8
Material recording, scheduling, and distributing clerks		46.1	14.2	12.5
Dispatchers		52.7 56.5	12.0 9.0	9.0 4.6
Production coordinators  Traffic, shipping, and receiving clerks		30.2	15.5	17.2
Stock and inventory clerks		46.0	13.8	10.7
Meter readers	55	12.4	24.3	8.7
Weighers, measurers, and checkers and samplers	50	56.6	17.3	16.1
Expediters	344	68.1	15.0	12.9
Adjusters and investigators		74.3	17.0	10.0
Insurance adjusters, examiners, and investigators		72.1	15.0	7.3
Investigators and adjusters, except insurance		75.0	17.0	10.8
Eligibility clerks, social welfare		91.1	14.1	9.9
Bill and account collectors	205 3,970	68.7 83.5	22.9 14.7	12.1
General office clerks		83.7	15.2	10.5
Bank tellers	444	86.9	10.6	11.7
Data-entry keyers		81.9	18.8	11.3
Statistical clerks	111	89.7	21.3	6.1
Teachers' aides	779	91.6	12.8	16.0
Service occupations	18,359	60.4	17.9	16.3
Private household	715	96.2	12.1	32.8
Cleaners and servants	239 446	97.0 96.1	8.1 13.5	18.8 39.5
Protective service		20.4	19.9	9.8
Supervisors		12.3	17.3	7.8
Police and detectives		10.3	13.6	4.5
Guards	62	22.7	32.1	10.2
Firefighting and fire prevention	264	4.1	12.3	8.1
Firefighting	250	2.7	12.9	8.3
Police and detectives		17.8	17.2	9.5
Police and detectives, public service	574 169	14.1 21.2	12.6 14.4	9.7 9.7
Sheriffs, bailiffs, and other law enforcement officers	323	21.2	26.8	9.7
Guards	936	29.9	25.6	11.2
Guards and police, except public services	786	24.0	27.6	12.1
Service occupations, except private household and protective service	15,166	65.3	17.8	16.6
Food preparation and service occupations	6,246	57.0	12.4	18.1
Supervisors, food preparation and service		65.5	12.6	10.7
Bartenders	342	50.9	2.9	8.2
Waiters and waitresses	1,347	76.4	5.4	10.4

	2001				
Occupation	Total	Р	Percent of total:		
	Total employed	Women	Black	Hispan origin	
Cooks	2,073	42.5	17.4	24.0	
Food counter, fountain and related occupations	388	67.2	14.6	14.6	
Kitchen workers, food preparation	305	71.0	11.1	12.9	
Waiters' and waitresses' assistants	640	54.0	10.8	21.5	
Miscellaneous food preparation	657	50.3	16.4	27.0	
Health service occupations	2,680 219	89.1 96.8	29.4 4.8	11.5	
Health aides, except nursing	380	79.1	25.8	10.8	
Nursing aides, orderlies, and attendants	2,081	90.1	32.7	11.6	
Cleaning and building service occupations	3,114	46.0	20.7	23.8	
Supervisors	187	34.5	20.2	14.4	
Maids and housemen	686	84.8	21.9	28.5	
Janitors and cleaners	2,166 66	36.0 4.0	20.8 9.9	23.3	
Pest control occupations Personal service occupations	3,126	80.7	15.9	11.0	
Supervisors	121	65.8	14.4	7.5	
Barbers	90	25.9	23.6	18.5	
Hairdressers and cosmetologists	854	90.4	13.1	10.5	
Attendants, amusement and recreation facilities	258	37.7	9.4	7.0	
Public transportation attendants	133	80.5	12.6	9.3	
Welfare service aides	109	84.7	30.2	8.7	
Family child care providers  Early childhood teachers' assistants	455 499	98.7 94.7	15.3 20.4	14.6	
Early Unidified teatrics assistants	455	54.7	20.4	10.7	
ecision production, craft, and repair	14,833	8.7	7.8	14.7	
lechanics and repairers	4,807	4.9	7.8	11.4	
Supervisors	261	8.8	6.6	6.9	
Mechanics and repairers, except supervisors	4,547	4.7	7.9	11.6	
Vehicle and mobile equipment mechanics and repairers	1,795 817	1.5 1.5	6.6 7.5	13.5	
Automobile mechanics  Bus, truck, and stationary engine mechanics	344	.5	7.5	10.5	
Aircraft engine mechanics	123	4.1	4.0	14.4	
Small engine repairers	68	.7	4.3	3.4	
Automobile body and related repairers	220	1.3	5.4	20.8	
Heavy equipment mechanics	158	1.9	6.0	5.7	
Industrial machinery repairers	448 984	3.6	7.0	10.2	
Electrical and electronic equipment repairers  Electronic repairers, communications and industrial equipment	202	11.4 4.8	11.0 12.3	9.2	
Data processing equipment repairers	316	17.1	11.5	6.6	
Telephone line installers and repairers	53	3.6	1.5	11.3	
Telephone installers and repairers	290	13.8	11.8	9.9	
Heating, air conditioning, and refrigeration mechanics	326	6	6.6	10.8	
Miscellaneous mechanics and repairers	975 67	5.7 3.3	7.4	11.7	
Millwrightsonstruction trades	6,253	2.5	3.8 7.0	2.5	
Supervisors	986	2.5	5.7	7.9	
Construction trades, except supervisors	5,266	2.4	7.3	19.2	
Brickmasons and stonemasons	235	1.2	11.2	24.5	
Tile setters, hard and soft	93	.2	4.0	29.8	
Carpet installers	122	1.9	5.8	22.5	
Carpenters	1,486 191	1.7 2.7	5.2 8.6	18.3	
Electricians	874	1.8	7.5	8.3	
Electrical power installers and repairers	138	3.6	11.4	8.8	
Painters, construction and maintenance	636	5.8	7.6	28.5	
Plasterers	58	.6	12.2	46.9	
Plumbers, pipefitters, and steamfitters	569	1.9	5.6	13.4	
Concrete and terrazzo finishers	117	.3	13.9	38.4	
Insulation workers	60	6.2	7.7	20.1	
Roofers	212 78	1.8 1.9	7.4 5.2	17.4	
xtractive occupations	132	2.0	6.2	11.9	
recision production occupations	3,641	24.6	9.0	14.4	
Supervisors	1,076	19.7	9.5	11.5	
Precision metalworking	856	6.7	6.9	8.8	
Tool and die makers	113	2.7	2.6	5.3	
Machinists	485 117	4.6 5.6	7.6 5.6	9.8	
Sheet-metal workersPrecision woodworking occupations	117 123	5.6 11.2	5.6 5.6	5.2 13.9	
	123				
Cabinet makers and bench carpenters	86	4.3	3.4	11.6	

		2001				
Occupation	Percent of			total:		
	Total employed	Women	Black	Hispan origin		
Dressmakers	92	92.2	8.1	21.1		
Upholsterers		22.8	10.9	28.2		
Precision workers, assorted materials		53.5	9.0	16.6		
Optical goods workers		56.7	5.0	9.1		
Electrical and electronic equipment assemblers		61.3	10.5	19.3		
Precision food production occupations		37.4	13.5	31.2		
Butchers and meat cutters		18.9	14.7	38.1		
Bakers		51.6	12.3	26.7		
Food batchmakers		74.7	12.0	15.0		
Precision inspectors, testers, and related workers		27.0	8.8	6.4		
Inspectors, testers, and graders		26.7	8.7	6.0		
Plant and system operators		4.4	8.8	10.2		
Water and sewage treatment plant operators		.9	6.0	10.0		
Stationary engineers		4.1	9.7	8.9		
perators, fabricators, and laborers	17,698	23.3	15.6	17.7		
Machine operators, assemblers, and inspectors		36.4	14.8	19.6		
Machine operators and tenders, except precision		36.0	15.6	20.5		
Metalworking and plastic working machine operators		20.1	10.6	11.3		
Punching and stamping press machine operators		27.6	17.1	9.5		
Grinding, abrading, buffing, and polishing machine operators		16.9	7.3	14.0		
Metal and plastic processing machine operators		23.2	13.2	14.9		
Molding and casting machine operators		32.0	15.4	9.8		
Woodworking machine operators		15.2	7.4	13.1		
Sawing machine operators		13.9	3.1	14.2		
Printing machine operators		21.4	8.9	12.3		
Printing press operators		15.5	9.1	13.8		
Textile, apparel, and furnishings machine operators		68.4	18.9	30.7		
Textile sewing machine operators		74.2	13.5	38.3		
Pressing machine operators		74.5	29.0	36.8		
Laundering and dry cleaning machine operators		61.4	20.1	25.3		
Machine operators, assorted materials		31.7	16.6	20.4		
Packaging and filling machine operators		61.1	21.5	31.9		
Mixing and blending machine operators		13.8	23.0	17.9		
Separating, filtering, and clarifying machine operators		13.2	19.0	10.8		
Painting and paint spraying machine operators		10.8	13.4	18.3		
Furnace, kiln, and oven operators, except food		10.0	15.5	9.7		
Slicing and cutting machine operators		27.0	16.3	24.3		
Photographic process machine operators		62.7	8.8	11.1		
Machine operators, not specified	399	31.4	17.4	12.1		
Fabricators, assemblers, and hand working occupations		31.6	12.5	18.3		
Welders and cutters		3.6	7.2	17.2		
Assemblers	1,135	42.4	15.5	18.6		
Miscellaneous hand working occupations	87	52.1	10.6	13.7		
Production inspectors, testers, samplers, and weighers		51.1	16.3	17.4		
Production inspectors, checkers, and examiners	505	53.4	16.7	13.7		
Production testers	66	30.9	11.5	13.6		
Graders and sorters, except agricultural	128	52.0	17.6	34.1		
Transportation and material moving occupations		10.4	16.4	12.4		
Motor vehicle operators		12.2	16.8	12.0		
Supervisors	88	25.8	21.3	11.4		
Truck drivers		5.3	14.0	12.6		
Drivers-sales workers		9.1	8.0	8.8		
Bus drivers		48.9	28.6	8.5		
Taxicab drivers and chauffeurs		12.3	23.2	12.6		
Parking lot attendants		10.0	27.9	22.6		
Transportation occupations, except motor vehicles		3.5	15.2	3.8		
Rail transportation		4.2	16.6	4.1		
Locomotive operating occupations		1.1	17.4	5.8		
Water transportation		2.3	12.8	3.3		
Material moving equipment operators		4.8	15.0	15.1		
Operating engineers		2.2	8.0	10.2		
Crane and tower operators		2.1	15.4	6.6		
Excavating and loading machine operators		.2	5.3	9.0		
Grader, dozer, and scraper operators		1.8	5.0	8.6		
Industrial truck and tractor equipment operators	542	6.3	20.8	20.8		
Handlers, equipment cleaners, helpers, and laborers		20.5	15.7	21.0		
Helpers, construction and extractive occupations		4.4	8.0	31.7		
Helpers, construction trades	106	4.8	8.7	34.6		

(Numbers in thousands)

	2001				
Occupation	Total	Percent of total:			
	Total employed	Women	Black	Hispanic origin	
Construction laborers Production helpers	1,024 57	3.6 22.0	10.1 15.6	29.3 29.3	
Freight, stock, and material handlers	2,003 56	24.1 5.8	18.2 30.8	15.0 12.7	
Garbage collectorsStock handlers and baggers	1,127	30.9	13.6	15.1	
Machine feeders and offbearers	81	38.9	24.3	22.4	
Garage and service station related occupations	173	7.4	9.9	15.4	
Vehicle washers and equipment cleaners	309	13.6	17.7	27.9	
Hand packers and packagers Laborers, except construction	348 1,252	65.5 21.2	12.8 18.2	36.2 17.4	
Farming, forestry, and fishing	3,245	20.8	5.0	21.5	
Farm operators and managers	1,108	25.3	.9	3.6	
Farmers, except horticultural	844	26.6	.4	1.6	
Horticultural specialty farmers	69	13.2	6.3	17.7	
Managers, farms, except horticultural	171	25.2	1.2	6.4	
Other agricultural and related occupations	2,004 734	19.1 21.5	7.1 3.6	32.6	
Farm occupations, except managerial	671	20.7	3.6	42.8 42.3	
Related agricultural occupations	1,269	17.8	9.1	26.7	
Supervisors	179	7.1	4.3	18.4	
Groundskeepers and gardeners, except farm	876	7.8	11.1	29.5	
Animal caretakers, except farm	160	70.1	4.5	7.3	
Graders and sorters, agricultural products	51	60.5	7.9	68.0	
Forestry and logging occupations	90	8.3	7.4	4.5	
Timber cutting and logging occupations	55	2.2	11.8	1.9	

NOTE: Generally, data for occupations with fewer than 50,000 employed are notshown. published separately but are included in the totals for the appropriate categories